

1/1 - (C) FILE CAPLUS

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AN - 2000:139187 CAPLUS

DN - 132:166745

TI - Olefin polymerization catalysts containing transition metal salicylaldimine complexes and polymerization of olefins using them

IN - Saito, Junji; Yamamoto, Kunio; Mitani, Makoto; Fujita, Terunori

PA - Mitsui Chemicals Inc., Japan

SO - Jpn. Kokai Tokkyo Koho, 65 pp.

CODEN: JKXXAF

DT - Patent

LA - Japanese

FAN.CNT: 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PN - JP2000063415 A 20000229 JP 1998-227992 19980812 <--

PR - JP 1998-227992 19980812

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GI -

[ 00000112]

AB Olefins are (co) \*\*\*polymd\*\*\* in the presence of \*\*\*catalysts\*\*\* comprising (A) Group 4 transition metal cyclopentadienyl complexes, (B) transition metal salicylaldimine complexes I (M = Group 3-11 transition metal; m = 1-6; R1-R6 = H, halo, hydrocarbyl, heterocycle, heteroatom-contg. group; n = no. for charge balance; X = H, halo, hydrocarbyl, heterocycle, heteroatom-contg. group), (C) organometallic compds., org. aluminosy compds., and/or ionizable compds. with transition metals, and optionally (D) \*\*\*catalyst\*\*\* supports. Thus, ethylene was \*\*\*polymd\*\*\* at 25.degree. for 5 min in the presence of Me aluminosy 1.25, 1,3-dimethylcyclopentadienylzirconium dichloride 0.00025, and a Zr compd. I (M = Zr, X = Cl, m, n = 2, R1 = Ph, R2-R5 = H, R6 = tert-Bu) 0.00025 mmol to give a polymer with intrinsic viscosity 2.6 dL/g and wide mol. wt. distribution.

IT \*\*\*1291-32-3\*\*\*, Dicyclopentadienylzirconium dichloride \*\*\*119445-92-0\*\*\* \*\*\*135072-61-6\*\*\*, (tert-Butylamido)dimethyl(tetramethyl-eta.5-cyclopentadienyl)silane-titanium dichloride \*\*\*215050-66-1\*\*\* \*\*\*215051-22-2\*\*\*

RL: CAT (Catalyst use); USES (Uses)

(prepn. of polyolefins with wide mol. wt. distribution in presence of transition metal salicylaldimine complex-contg. metallocene \*\*\*catalysts\*\*\* )

RN 1291-32-3 CAPLUS

CN Zirconium, dichlorobis(eta.5-2,4-cyclopentadien-1-yl)- (9CI) (CA INDEX NAME)

[ 00000113]

RN 119445-92-0 CAPLUS

CN Zirconium, dichlorobis[(1,2,3,4,5-eta.)-1,3-dimethyl-2,4-cyclopentadien-1-yl]- (9CI) (CA INDEX NAME)

[ 00000114]

RN 135072-61-6 CAPLUS

CN Titanium, dichloro[N-(1,1-dimethylethyl)-1,1-dimethyl-1-[(1,2,3,4,5-eta.)-2,3,4,5-tetramethyl-2,4-cyclopentadien-1-yl]silanaminato(2-).kappa.N]- (9CI) (CA INDEX NAME)

[ 00000115]

RN 215050-66-1 CAPLUS

CN Zirconium, dichlorobis[2-(1,1-dimethylethyl)-6-[(phenylimino-.kappa.N)methyl]phenolato-.kappa.O]- (9CI) (CA INDEX NAME)

[ 00000116]

RN 215051-22-2 CAPLUS

CN Zirconium, bis[2-[[[3,5-bis(1,1-dimethylethyl)phenyl]imino-.kappa.N)methyl]-6-(1,1-dimethylethyl)phenolato-.kappa.O]dichloro- (9CI) (CA INDEX NAME)

[ 00000117]

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TI Olefin \*\*\*polymerization\*\*\* \*\*\*catalysts\*\*\* containing transition metal salicylaldimine complexes and \*\*\*polymerization\*\*\* of olefins using them

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